

Title (en)

SYSTEM AND METHOD FOR CONTROLLING BRAKING FORCE FOR A MOTOR VEHICLE

Title (de)

SYSTEM UND VERFAHREN ZUR STEUERUNG DER BREMSKRAFT FÜR EIN KRAFTFAHRZEUG

Title (fr)

SYSTEME ET PROCEDE DE COMMANDE DE LA FORCE DE FREINAGE POUR UN VEHICULE AUTOMOBILE

Publication

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Application

**EP 03807875 A 20031007**

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Abstract (en)

[origin: WO2004033266A1] The invention concerns a system for controlling the braking force applied to at least one wheel of a motor vehicle by a controllable braking device, comprising various sensors (5) of the vehicle parameters as well as means for detecting an action of the driver for moving or stopping the vehicle and a calculator (9) receiving the data from the sensors and said means and capable of calculating a braking setpoint value for the braking device. The invention is characterized in that the calculator (9) is adapted to receive signals from sensors of the vehicle mass as well as the slope of the road surface whereon the vehicle is to determine the braking setpoint value  $C_t$  and in that a device (10) for correcting the braking setpoint value is further provided.

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